Raw Unmodified
Byte Code
Class File
650a

Modified Byte Code
Classfile
650b

651a

Constructor
Method Info
Structure

GetMax Method
Info Structure

652a

MODIFY

657

Class ID Field Info Structure

656

"DISPATCH UNIT
REGISTRATION"
Method Info
Structure

651b

Constructor Method
Info Structure
653

654

655

652b

GetMax Method Info
Structure

620b

643b

644b

645b
646b

= Inserted
Matter

FIG. 6B

FIELDS
1501

PN — 1501_1
QTY — 1501_2
$ — 1501_3
CUS — 1501_4

1502 METHODS
1502_1 UPDATE ACCT.
1502_2 UPDATE BILLING
1502_3 GET MAX

iLoad_Ø — 1503_1
iLoad_1 — 1503_2
icmp — 1503_3
ifeqL_Ø — 1503_4
iload_Ø — 1503_5
ireturn — 1503_6
LØ — 1503_7

iload_1 — 1503_{7_1}
ireturn — 1503_{7_2}

FIG. 15A

FIELDS

PN
QTY
$
CUS

METHODS
UPDATE ACCT.
UPDATE BILLING
GET MAX

invoke static — 1504
iload_Ø
iload_1
icmp
ifeqL_Ø
iload_Ø
invoke static — 1505
ireturn
LØ

iload_1
invoke static — 1506
ireturn

invoke static — 1507

FIG. 15B